

ABSTRACT OF DE 3732870

The transformer with encapsulated windings (3) and core (4) stands on the top (2) of a short concrete post or base (1) which is set deep into the ground (5). Spokes (6) radiating from the base (1) support the bottom rim (7) of a chimney (8) which covers the transformer and forms a cooling air duct. The top of the chimney has a horizontal bar (9) with insulators for the HV connection from an overhead line. From the insulators a HV cable is brought down to the transformer. The transformer and its auxiliaries are enclosed and protected against access and interference. The auxiliaries are also placed under the bottom of the chimney.

USE/ADVANTAGE - In areas where demand for electricity is not great and only small power transformers are required. Eliminates risk of oil leakage present in conventional pole mounted transformers.